

**ABSTRACT OF THE DISCLOSURE**

Disclosed are a component recognizing method and apparatus, and a component mounting method and apparatus, by which components with various heights held by a plurality of nozzles can be recognized continuously. The drive of a head is transmitted to nozzles, with surfaces to be recognized of components being controlled so as to be positioned in a recognizable range during respective recognizing operations of the components, and a continuous recognition is thereby made possible. The adjustment of heights of the surfaces to be recognized during the recognizing operations of the components is achieved by one drive unit and a plurality of drive transmitting units.